

# Approaches to Designing Systems Useful for Multiple States -- NBS

## Requirements Gathering

- Release 1.0 Approach
- Subsequent Releases

# NBS Requirements Gathering – Release 1.0

1. JAD sessions with state representatives based on conceptual designs
2. Involvement of CDC Subject Matter Experts
3. Usability visits to states and local jurisdictions
4. Feedback at conferences
5. Beta Release demonstrations & deployments

# NBS Requirements Gathering – Subsequent Releases

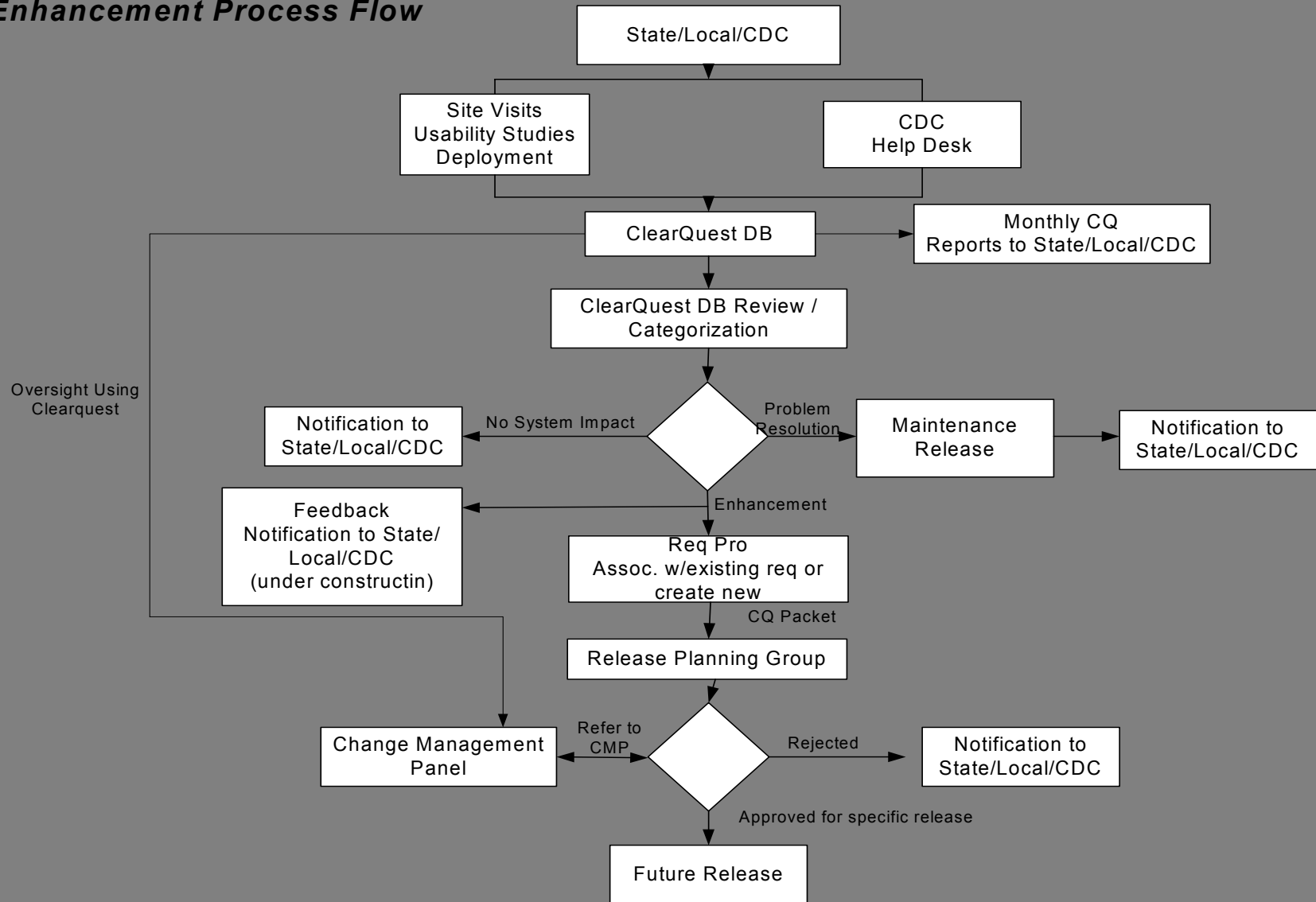
1. Deployments to states brought users in contact with an actual system
2. Broadened use of CDC Subject Matter Experts (i.e. Lead, TB)
3. Feedback on release received from State and local health department users and public health partners
  - a. Demos
  - b. Deployment Activities
  - c. NEDSS Help Desk calls (Peregrine)
  - d. Site Visits
  - e. Usability Studies

# NBS Requirements Gathering – Subsequent Releases (Continued)

4. Component design feedback is solicited from the states during the development process
  - a. Onsite design reviews
  - b. Conference Calls
  - c. State Deployment meetings

# Process for Incorporating Input into NBS

## *NEDSS Evolving Enhancement Process Flow*



# Process for Incorporating Input into NBS

- Feedback recorded as Issues in a database (ClearQuest) and priorities established
- Issues classified as
  - Problems (system defects) or
  - Enhancement Requests (requested changes/improvements)
- Release Planning Group recommends assignment of specific problem resolutions and enhancements to a particular NBS Release
- Change Management Panel (consists of state, project and CDC representatives) reviews and approves Release content

# Result: Release 1.1 Enhancements

- Data Entry Enhancements
  - Lab and Morbidity Reports
  - Support for External Data Entry
- Data De-duplication
- Point-in-Time Demographics
- Investigation Form Enhancements
- Treatment Management
- NND Messaging Enhancements
- Release Upgrade
- Switch from SilverStream to Web Logic Application Server